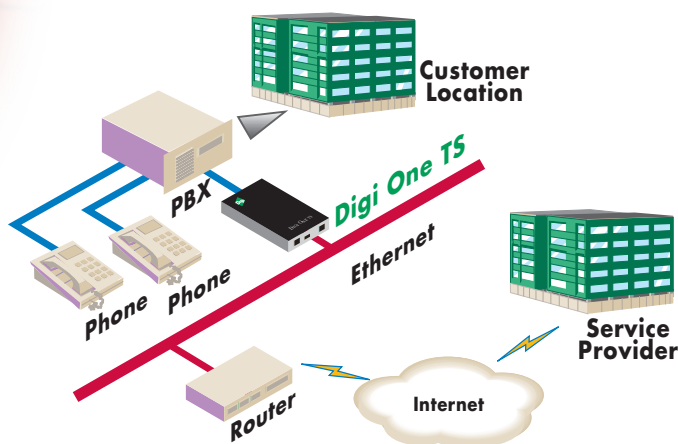# Digi One™ TS

Device Server

The Digi One TS device server is designed for universal, high-performance serial-to-Ethernet connectivity. It is ideal for applications where secure device management and monitoring are critical.

Features/Benefits

> **Easily network-enable virtually any serial device**

> **Patented Digi RealPort® Technology for COM or TTY port control and management**

> **Switch selectable EIA-232/422/485 for simple interfacing to any type of serial device.**

> **Monitoring and diagnostic utility for simple and efficient device monitoring and troubleshooting**

> **Data Security via SSH v2**

> **Port Buffering for data capture**

> **Easy configuration through web interface (HTTP)**

> **Industry leading low latency**

Overview

The Digi One TS makes it easy to connect any serial device to your network. It combines the inherent benefits of data networking with proven asynchronous connectivity to deliver powerful yet simple Ethernet connectivity for all your serial devices.

Part of Digi's broad device server offering, the Digi One TS delivers universal, high-performance serial-to-Ethernet connectivity and is ideal for applications requiring COM ports, serial tunneling, or where TCP Socket, UDP Socket, or UDP Multicast functionality is needed. RealPort technology makes it possible to establish a connection between the host and networked serial device by creating a local COM or TTY port on the host computer, allowing software applications to work with networked device servers instead of requiring a host adapter.

The Digi One TS also delivers powerful features such as data security via SSH v2, port buffering and full SNMP management – making it ideal for applications like console management where device management and monitoring are critical.

The Digi One TS is also easy to install locally or remotely through a variety of IP addressing methods (DHCP, RARP, ARP-Ping) along with an application (included on the installation CD that accompanies the product) that will automatically detect all Digi One TS devices on your network. Also included is a quick-start guide that supports making the network configuration of the product easy and hassle-free.

Digi International, the leader in Connectware, makes device networking easy by manufacturing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility, and quality since 1985.

Connectware™

Making **DEVICE NETWORKING** *easy* ™

Features/Specifications

FEATURES

- Low latency
- TCP/UDP Socket Services
- UDP Multicast
- Telnet and Reverse Telnet
- Patented RealPort technology for COM and TTY ports
- PPP
- SSH v2
- Port Buffering
- Modbus/TCP
- HTTP
- SNMP (read/write)
- Digi Port Authority – Remote management diagnostics and auto-discovery tool
- DHCP/RARP/ARP-Ping for IP Address assignment
- 10/100Base-T Ethernet support
- RJ-45 serial port
- EIA-232/422/485 switch selectable
- Baud rates up to 230 Kbps
- Full modem and hardware flow control
- 9 - 30Vdc input
- Powered Ethernet (802.3af)
- LED status for link and power
- RJ-45/DB-9F crossover cable included for configuration

ENVIRONMENTAL

- Ambient temperature:
  0ºC to 60ºC
  (32ºF to 140ºF)
- Relative humidity: 5% to 90% (non-condensing)

OPERATING SYSTEMS

- AIX
- HP-UX
- Linux
- Microsoft® Windows XP®
- Microsoft Windows 2000®
- Microsoft Windows NT®
- SCO® OpenServer™
- SCO UnixWare™
- Solaris™ (Intel)
- Solaris (SPARC)
- TCP/UDP Socket Services are operating system independent

Designed for
Microsoft®
Windows® XP

DIMENSIONS

- Length: 5.42 in (13.31 cm)
- Width: 3.33 in (8.46 cm)
- Depth: .952 in (2.42 cm)
- Product weight: 2.25 oz (64 g)

REGULATORY APPROVALS

- FCC Part 15, A
- CE
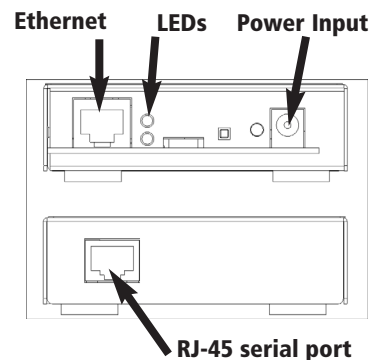- EN5024-1
- EN 50082-1
- UL 1950
- CSA 22.2 No 950

POWER REQUIREMENTS

- Ships with 110/240 VAC at 12Vdc @ .4 Amps max
- 9 - 30Vdc @ .5 Amps max

Powered Ethernet
- IEEE 802.3af compliant

5.42"
.952"
3.33"

DIGI ONE TS

Ethernet   LEDs   Power Input

RJ-45 serial port

MODEL.....................PART NUMBERS

Model	North America	International
Digi One TS	70001805	70001832

Ships with a wall mount bracket

DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty.   http://support.digi.com

Connectware™

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